

Abstract

A bearing structure for the blade of cooling fan, comprises a hollow cylindrical body and an outward extended seat whose diameter is larger than the body. The seat has a recess at the bottom. The body forms a long cavity and upward
5 flange. This bearing is placed in the hub of the cooling fan; the blade rotor shaft is inserted into the cavity of the bearing, and the flange of the body works as a C-clamp buckling the round groove on the blade rotor shaft to confine the motion of the rotor shaft. The bearing design renders easy fabrication and assembly, good dust shield to keep the dust off the rotor and reduce the rotary
10 friction and resistance to the minimum. In addition, the magnetic force is limited for the self-adjustment, which further alleviates the frictional resistance sop the service life the cooling fan is extended longer.